APPLICATION TRANSFER REQUEST

Section I. APPLICATION TRANSFER REQUEST Date _10-22-96_ S.N. _08/674,726_

TO: Receiving A.U. _2411_ Class/sub _364_ Examiner _____

FROM: Originating A.U. _2603_ Class/Sub _370_ Examiner _Nixon_

REASON: Claims directed to on-line pricing of digital information. The price of information depending on the cost of the information itself and on the bandwidth necessary to transfer the information.

☐ Request for Reconsideration
(Return to Classification)

Section II. DISPOSITION BY RECEIVING A.U. Date _11-16-96_ Ex'r _Huy?_

☐ Accepted (keep in receiving A.U.)

Not Accepted ☒ Forward to _Electrical_ _____ Classification Group

☐ Return to Originating A.U. _____ Nonclassification issue only:

REASON: No processing of business data.
While price info incl. most comprehensive claims
directed to security issues using digital watermark?

☐ Restriction
☐ Other

Section III. DISPOSITION BY _C/E_ Classification Group. Date _12/6/96_

☒ Transfer Approved-Forward to A.U. _2603_ Class/sub _370_ Classifier _N. Nguyen_

☐ Transfer Disapproved-Forward to Originating A.U. _____ Concurring _____
Classifier _____

REASON:
— As set forth by the refusing examiner
— The claimed invention looks closely related to patent 5428606
please consider Hassan —
Thanks —

Nonclassification issue raised: ☐ Restriction
☐ Other

REQUEST FOR CONSIDERATION

From: NAM NGUYEN Rm.: 900B09 Phone: 305-6494	Serial number: 674,726 Date in: 11/25

1/ To: H. Bryy **Date:** 11/26 — PLEASE CONSIDER FOR CLASS(ES):

380 a bandwidth securitization instrument

Thanks

2/ To: NAM **Date:** 12/2

THE "SECURITIZATION INSTRUMENT" APPEARS TO BE MORE AN ACCESS DEVICE THAN AN ENCRYPTION ONE. TRY Cl 340/825 +

3/ To: W. Davis **Date:** 12/3

364 a method of computing the price of a bandwidth securitization instrument

Thanks

4/ To: NAM **Date:** 12-5-96

Closely related to patent 5428606 (attached)

5/ To: **Date:**

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 * * * * * * * * *
=> s 5428606/pn
L1            1 5428606/PN
=> d
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1. **5,428,606**, Jun. 27, 1995, Digital information commodities
exchange; Scott A. Moskowitz, 370/60, 94.1 [IMAGE AVAILABLE]

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=> display clms
ENTER (L1), L# OR ?:11
ENTER ANSWER NUMBER OR RANGE (1):1
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US PAT NO: **5,428,606** [IMAGE AVAILABLE]   L1: 1 of 1

CLAIMS:

CLMS(1)

 What is claimed is:

 1. A method for the exchange of digital information packets, comprising:
 (a) creating a digital information packet wherein the packet includes:
  (i) a series string of data representing desired information;
  (ii) a publisher address, corresponding to the location of a publisher
   creating said digital information packet;
  (iii) a digital information packet directory entry, corresponding to a
   publishable address which is used to locate and order said particular
   digital information packet;
 (b) transmitting said digital information packet directory entry and
  said publisher address from a modular expandable unit to an exchange
  over a transmission medium;
 (c) publishing said digital information packet directory entry and said
  publisher address over the exchange by filing and cataloguing,
  according to subject matter and type of medium supported, said digital
  information packet directory entry and said publisher address;
 (d) compiling a list of said digital information packet directory
  entries and corresponding said publisher addresses;
 (e) making available said list to subscribers with modular expandable
  units;
 (f) locating a particular desired digital information packet by choosing
  one of said digital information packet directory entries from said
  compiled list over said exchange by using another modular expandable
  unit;
 (g) subscribing to said digital information packet over said exchange by
  using one of said modular expandable units and providing information to
  said exchange, including:
  (i) subscriber address where said digital information packet is to be
   sent;

(ii) the publisher address where said digital information packet is to be sent from;
(iii) the digital information packet directory entry where said digital information packet is stored;
(h) transferring said digital information packet from said publisher to said subscriber over said transmissions medium;
(i) concurrent with step (h), buffering said transfer of said digital information packet from said publisher to said subscriber such that said transfer occurs asynchronously.

CLMS(2)

2. The method of claim 1, wherein said steps of buffering of said transfer of said digital information packet is performed by both said publisher's and said subscriber's modular expandable units.

CLMS(3)

3. The method of claim 1, wherein said desired information is analog data which is then converted to digital form by an expansion module forming part of the modular expandable unit to provide said series string of data.

CLMS(4)

4. The method of claim 1 comprising the further step of:
storing said transferred digital information packet in a static semiconductor memory.

CLMS(5)

5. The method of claim 1 comprising the further step of:
storing said transferred digital information packet on a magnetic medium.

CLMS(6)

6. The method of claim 1 comprising the further step of:
playing said transferred digital information packet on a device appropriate to that data type.

CLMS(7)

7. The method of claim 1 comprising the further step of:
billing said subscriber for the transfer and price of said transferred digital information packet.

CLMS(8)

 8. The method of claim 1 comprising the further step of:
 billing said subscriber by said exchange for the transfer and price of
   said transferred digital information packet.

CLMS(9)

 9. The method of claim 1, wherein said step of creating said digital
information packet occurs at the same time as said step of transferring
of said digital information packet,
 such that said transfer can be effected for real-time transmission of
   contemporaneously created data.

CLMS(10)

 10. The method of claim 1, wherein data compression techniques are
utilized to speed said transfer of said digital information packet.
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